AMENDMENTS TO THE CLAIMS

Listing of Claims

1-8. (previously canceled).

9.(canceled).

10. (currently amended): ~~The method of claim 9 wherein said graphs describe~~
A computer-implemented method of generating serialization code for use by an
application program representing a model in a plurality of type systems, the method
comprising the steps of:

    i) producing an input file from said model for a given set of objects;

    ii) updating said input file with specific type related information including:

        name bindings between said model and different type systems, and

        graphs that describe relationships between said objects of said model;

        including a sub-graph that describes for an object a subset of associations to

            follow to serialise the object; ~~-~~

    iii) providing a code generator for acting on said input file to generate said

    serialization code.

11 - 14 (canceled).

15-22. (previously canceled).

23.(canceled):

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24. (currently amended): ~~A data processing system according to claim 23 wherein said graphs describe~~

A data processing system for generating serialization code for use by an application program representing a model in a plurality of type systems, said data processing system comprising:

> i) means for producing an input file from said model for a given set of objects;

> ii) means for updating said input file with specific type related information including:

>> name bindings between said model and different types, and

>> graphs that describe relationships between said objects; and including a

>> sub-graph that describes for an object a subset of associations to follow to

>> serialize the object; ~~-~~

> iii) means for providing a code generator for acting on said input file to generate said serialization code.

25 - 32.(canceled).

33.(currently amended): A computer-implemented method of generating a model description from a description of a model in XMI comprising a plurality of objects which is useful for generating serialization code for representing a model in a plurality of type systems, comprising producing an input file comprising:

> i) binding information between said model and said plurality of type systems;

> ii) graphs that describe relationships between said objects;

> iii) ~~graphs~~ sub-graphs that describe a subset of associations for an object to serialize the object, and

> iv) type conversion information that describes how to convert a non-primitive type to a string.

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Filed: December 12, 2001